

Mecklenburg County Common Code Defects

Mechanical

Code Defects

- Equipment protection missing

Code Description

303.4 Protection from damage. Appliances shall not be installed in a location where subject to mechanical damage unless protected by approved barriers.

Interpretation: Equipment installed in a garage, subject to damage by a vehicle, shall be protected by:

1. Concrete curb stop anchored to the floor with a minimum of 48" between stop and appliance OR
2. 3" steel post filled with concrete. Post must extend 18" below concrete and 36" above concrete. There must be a minimum of 18" free space between post and appliance. OR
3. Construct a 2X4 stud wall (floor to ceiling) between appliance and pathway of vehicle, in essence; create an alcove in which to place the appliance.

Disclaimer: There may be other ways to comply with the Code. If so, you are not required to use this method to comply with the Code. You may want to investigate other options, or consult with a design professional identifying an equally code compliant solution.

End Notes

North Carolina Plumbing Code & North Carolina Mechanical Code & North Carolina Fuel Gas Code.
International Code Council
Southern Building Code Congress